

Comparisons of Job Characteristics

Focus Occupation: Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011)

Associated Occupation: Team Assemblers (51-2092)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011)

Associated Occupation: Team Assemblers (51-2092)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	9.2	10.9	> Current knowledge level is likely sufficient
Mechanical	6.8	8.0	15.8	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 52

Focus Occupation: Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011)

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Coordination	9.1	9.7	7.9	< A higher skill level may be required
Operation and Control	5.4	7.5	11.1	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 74

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
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Manual Dexterity	6.5	9.6	10.7	>	Current ability level is likely sufficient
Control Precision	6.6	9.0	12.2	>>	Current ability level is likely more than sufficient
Multilimb Coordination	6.0	8.5	10.1	>	Current ability level is likely sufficient
Rate Control	3.8	6.0	10.1	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 91

Focus Occupation: Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011)
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Work Activities	Exclusivity of Activity
Confer with engineering, technical or manufacturing personnel	25
Examine products or work to verify conformance to specifications	15
Perform safety inspections in manufacturing or industrial setting	33
Read work order, instructions, formulas, or processing charts	9
Use computers to enter, access or retrieve data	3
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 83

Focus Occupation: Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011)
Associated Occupation: Team Assemblers (51-2092)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Face and head protection	7
Holding and clamping tools	3
Industry specific software	1
Length and thickness and distance measuring instruments	2
Machine tools	7
Machinery for working wood and stone and ceramic and the like	12
Marking tools	11
Metal bending and forming machinery	17

Metal working machinery attachments	35
Power tools	2
Rough and finishing tools	5
Soldering and brazing and welding machinery and supplies	6
Special tooling fixtures	16
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.